

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-28. (canceled)

29. (currently amended) A method for preventing dissemination via pollen of a transgene ~~of interest via pollen~~ encoding dog gastric lipase or collagen from a transgenic plant, comprising that has incorporated said transgene, wherein said method comprises transforming the nuclear genome of a plant with a plasmid vector containing both a [[gene]] nucleic acid conferring male sterility and a transgene encoding dog gastric lipase or collagen and said transgene of interest, said transgene being genetically linked with said [[gene]] nucleic acid conferring male sterility, whereby said transgene is prevented from being disseminated by the pollen of said plant, and wherein said transgene encodes nucleic acid for the dog gastric lipase or collagen, said gene conferring male sterility and said transgene can be are combined together, or each respectively with a transcriptional control system comprising a promoter and a transcriptional terminator, and recovering the compound by extraction, and wherein said compound is administered to a human or animal.

30-36. (canceled)

37. (previously presented) The method according to claim 29, wherein said transgene encodes for the dog gastric lipase.

38. (currently amended) The method according to claim 29, wherein said promoter permits specific expression gene conferring male sterility in the anther, when said gene conferring male sterility and said transgene are each respectively with a transcriptional control system is an anther-specific promoter.

39. (previously presented) The method according to claim 37, wherein the promoter is the A9 promoter.

40. (new) A method for preventing dissemination via pollen of transgene encoding dog gastric lipase or collagen from a transgenic plant comprising said transgene, wherein said method comprises

transforming the nuclear genome of a plant with a plasmid vector containing both a nucleic acid conferring male sterility and a transgene encoding do gastric lipase or collagen, said transgene being genetically linked with said nucleic acid conferring male sterility, whereby said transgene is prevented

from being disseminated by the pollen of said plant, and wherein said nucleic acid conferring male sterility and said transgene are each operably linked to a transcriptional control system comprising a promoter and a transcriptional terminator,

recovering the dog gastric lipase or collagen by extraction, and

administering said dog gastric lipase or collagen to a human or animal.

41. (new) The method according to claim 40, wherein said transgene encodes for the dog gastric lipase.

42. (new) The method according to claim 40, wherein the promoter operably linked to the nucleic acid conferring male sterility is an anther-specific promoter.